

## **Blood Sample Collection**

### **Phase I L-carnitine in septic shock**

Pharmacometabolomics of L-Carnitine Treatment Response  
Phenotypes in Patients with Septic Shock

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Blood samples were collected via an existing intravenous or arterial catheter before administration (T0) of L-carnitine or placebo, and 24 hours (T24) and 48 hours (T48) after enrollment. Blood was drawn into a serum separator tube (10 ml; Becton Dickinson, Franklin Lakes, NJ) and was allowed to clot at room temperature for at least 30 minutes, after which it was centrifuged (1,800 x g at 15°C for 10 min) to obtain serum, which was aliquoted (500 ml) and stored (–80°C) until the time of metabolomics assay.